

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

19453

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/562362

INTERNATIONAL APPLICATION NO.  
PCT/JP2004/008990INTERNATIONAL FILING DATE  
25 June 2004 (25.06.2004)PRIORITY DATE CLAIMED  
27 June 2003 (27.06.2003)

## TITLE OF INVENTION

COOLING DEVICE FOR AN ELECTRONIC EQUIPMENT

## APPLICANT(S) FOR DO/EO/US

Kazuyuki Mikubo, Sakae Kitajo, Atsushi Ochi, and Mitsuru Yamamoto

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 213895382 US

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/562362</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; text-align: center;">PCT/JP2004/008990</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; text-align: center;">19453</div>
23. Other items or information: <div style="text-align: right; font-weight: bold; font-size: 1.2em;">IAP17 Rec'd PCT/PTO 27 DEC 2005</div> Twenty-six (26) sheets of drawings Assignee: NEC CORPORATION of Tokyo, Japan		
The following fees have been submitted:		CALCULATIONS    PTO USE
24. <input checked="" type="checkbox"/> Basic national fee ..... \$300	\$	\$300.00
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article ..... \$0 All other situations. .... \$200	\$	\$200.00
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400 All other situations. .... \$500	\$	\$400.00
<b>TOTAL OF 24, 25 and 26 =</b>		\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)
- 100 =	0 /50 =	0
		x \$250.00
		\$0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	* 14 - 20 =	0
Independent claims	* 1 - 3 =	0
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> +		\$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		
<b>SUBTOTAL =</b>		\$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		
<b>TOTAL NATIONAL FEE =</b>		\$900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +		
<b>TOTAL FEES ENCLOSED =</b>		\$900.00
*Claim calculation based on claims as amended by Preliminary Amendment being filed concurrently herewith		
Amount to be		\$
Amount to be		\$

10/562362

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ \$900.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1013/SSMP. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 23389  
Scully, Scott, Murphy & Presser  
400 Garden City Plaza, Suite 300  
Garden City, New York 11530  
(516) 742-4343

SIGNATURE

Paul J. Esatto, Jr.

NAME

30,749

REGISTRATION NUMBER

December 27, 2005

DATE

Rec'd PCT/PTO 27 FEB 2006

400 Garden City Plaza, Suite 300  
Garden City, New York 11530  
(516) 742-4343 - Telephone  
(516) 742-4366 - Facsimile  
e.mail: intprop@ssmp.com

**SCULLY, SCOTT, MURPHY  
& PRESSER**

# Fax

<b>To:</b>	<b>Ms. Angie Yilmaz</b>	<b>From:</b>	<b>Paul J. Esatto, Jr.</b>
<b>Fax:</b>	<b>571-273-8928</b>	<b>Pages:</b>	<b>4</b>
<b>Phone:</b>		<b>Date:</b>	<b>February 27, 2006</b>
<b>Re:</b>	<b>371 Filing Kazuyuki Mikubo et al. Our Docket: 19453</b>		

☐ **Urgent**    ☐ **For Review**    ☐ **Please Comment**    ☐ **Please Reply**    ☐ **Please Recycle**

● **Comments:**

Attached is:

Corrected Transmittal Letter to the United States Designated Elected Office  
Concerning a Submission under 35 U.S.C. 371.

An inadvertent typographical error occurred in the International Application Number  
and has been corrected per the attached. We apologize for any inconvenience.

**CONFIDENTIALITY:** The documents accompanying this facsimile transmission may contain information which is either confidential or legally privileged and is intended only for the authorized use of the individual or entity named above without right or publication or republication, dissemination or disclosure except as expressly set forth or established by course of dealing. All rights are reserved. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the contents of this facsimile is prohibited. If you received this transmission in error, please notify us immediately by telephone to arrange for return of the documents.

If you have any problems concerning this facsimile, please call (516) 742-4343 and ask for Anna Eberle x 560.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Kazuyuki Mikubo, et al.****10/562362**

Docket No. 19453

**IAP17 Rec'd PCT/PTO 27 DEC 2005**

Application No.

Unassigned

Filing Date

Herewith

Examiner

Unassigned

Customer No.

23389

Group Art Unit

Unassigned

Invention: **COOLING DEVICE FOR AN ELECTRONIC EQUIPMENT**

I hereby certify that the following correspondence:

**New U.S. Patent Application Under 371***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

**December 27, 2005***(Date)***Paul J. Esatto, Jr.***(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)***EV 213895382 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**